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January 3, 2001

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Assistant Commissioner for Patents  
Washington, D.C. 20231

MAR 20 2001

Technology Center 2100

Re: U.S. Patent Application No. 09/703,531  
**DISTRIBUTED USER MANAGEMENT INFORMATION IN  
TELECOMMUNICATIONS NETWORKS**  
Applicants: James R. Perry et al.  
Attorney Docket No: 102689-63

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO-1449, forty-eight (48) references cited therein; and
3. Return postcard.

Please charge any additional fee to our Deposit Account No. 141449.

Respectfully submitted,

Reza Mollaaghbababa

Reg. No. 43,810

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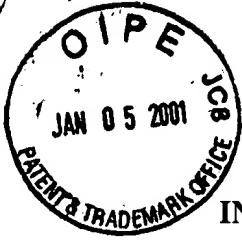
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : James R. Perry et al.

Application No. : 09/703,531

Filed : November 1, 2000

Entitled : DISTRIBUTED USER  
MANAGEMENT  
INFORMATION IN  
TELECOMMUNICATIONS  
NETWORKS

Docket No. : 102689-63

Group Art Unit: Not Yet  
Assigned

Examiner: Not Yet Assigned

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January 3, 2001

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Date of Signature and Mail Deposit

Reza Mollaaghbabu  
Reg. No: 43,810

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Applicants hereby cite for the record in this application the enclosed documents listed on the attached copy of PTO Form 1449. In accordance with 37 CFR §1.98(d), copies of the

Application No.: 09/703,531  
Filed: November 1, 2000  
Group Art Unit No.: Not Yet Assigned

references are not submitted herewith insofar as they are all believed to be in the Examiner's file already. The references were previously cited in United States Patent Application No. 09/670,455 filed on September 26, 2000. If a copy of any reference is needed, please call the undersigned at the telephone number indicated below.

The enclosed Information Disclosure Statement is being filed within three months of the filing date of the above-identified application. Accordingly, Applicants believe that no fee or certification is required.

The Assistant Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 141449.

Respectfully submitted,

NUTTER, MCCLENNEN & FISH, LLP

Date: January 3, 2001

  
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Form PTO-1449  
(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO:  
102689-63APPLICATION NO:  
09/703,531APPLICANTS:  
James R. Perry et al.FILING DATE:  
November 1, 2000GROUP ART UNIT:  
Not Yet Assigned

## U.S. PATENT DOCUMENTS

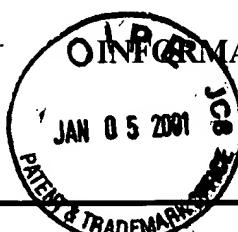
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	AA	4	7	5	0	1	3	6	06/88	Arpin et al.	364	514	
	AB	4	9	4	2	5	4	0	07/90	Black et al.	364	514	RECEIVED
	AC	5	5	1	5	4	0	3	05/96	Sloan et al.	375	371	MAR 20 2001
	AD	5	6	3	8	4	1	0	06/97	Kuddes	375	357	Technology Center 2100
	AE	5	7	2	6	6	0	7	03/98	Brede et al.	331	2	
	AF	5	8	5	0	3	9	9	12/98	Ganmukhi et al.	370	412	
	AG	5	9	0	3	5	6	4	05/99	Ganmukhi et al.	370	399	
	AH	5	9	0	5	7	3	0	05/99	Yang et al.	370	429	
	AI	5	9	2	6	4	6	3	07/99	Ahearn et al.	370	254	
	AJ	5	9	5	3	3	1	4	09/99	Ganmukhi et al.	370	220	
	AK	5	9	9	1	1	6	3	11/99	Marconi et al.	361	788	
	AL	5	9	9	1	2	9	7	11/99	Palnati et al.	370	389	
	AM	5	9	9	5	5	1	1	11/99	Zhou et al.	370	412	
	AN	6	0	0	8	8	0	5	12/99	Land et al.	345	335	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO
	BA	9	8	2	6	6	1	1	06/98	PCT					
	BB	9	9	0	5	8	2	6	02/99	PCT					
	BC	9	9	1	1	0	9	5	03/99	PCT					

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CA	"The Abatis Network Services Contractor," Abatis Systems Corporation product literature, 1999;
	CB	AtiMe-3E Data Sheet, 1-17 (March 8, 2000);
Examiner		Date Considered:
		*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.

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(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO:  
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James R. Perry et al.FILING DATE:  
November 1, 2000GROUP ART UNIT:  
Not Yet Assigned

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## INFORMATION DISCLOSURE CITATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	AO	6	0	0	8	9	9	5	12/99	Pusateri et al.	361	796	
	AP	6	0	1	5	3	0	0	01/00	Schmidt, Jr. et al.	439	61	
	AQ	6	0	2	1	1	1	6	02/00	Chiussi et al.	370	236	
	AR	6	0	2	1	2	6	3	02/00	Kujoory et al.	395	200.62	

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO
	BD	9	9	1	4	8	7	6	03/99	PCT					
	BE	9	9	2	7	6	8	8	06/99	PCT					

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CC	Black, D., "Building Switched Networks," pp. 85-267;
	CD	Black, D., "Managing Switched Local Area Networks A Practical Guide" pp. 324-29; <b>RECEIVED</b>
	CE	"Configuration," Cisco Systems Inc. webpage, pp. 1-32 (September 20, 1999); <b>MAR 20 2001</b>
	CF	Leroux, P., "The New Business Imperative: Achieving Shorter Development Cycles while Improving Product Quality," QNX Software Systems Ltd. webpage, (1999); <b>Technology Center 2100</b>
	CG	NavisXtend Accounting Server, Ascend Communications, Inc. product information (1997);
	CH	NavisXtend Fault Server, Ascend Communications, Inc. product information (1997);
	CI	NavisXtend Provisioning Server, Ascend Communications, Inc. product information (1997);
	CJ	Network Health LAN/WAN Report Guide, pp. 1-23
	CK	"Optimizing Routing Software for Reliable Internet Growth," JUNOS product literature (1998);
	CL	PMC-Sierra, Inc. website (March 24, 2000);
	CM	Raddalgoda, M., "Failure-proof Telecommunications Products: Changing Expectations About Networking Reliability with Microkernel RTOS Technology," QNX Software Systems Ltd. webpage, (1999)
Examiner		Date Considered:
		*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant. #943207v1 <imanager> -ids 1449.wpd

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09/703,531O I P S  
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JAN 05 2001 (Use several sheets if necessary)PATENTS & TRADEMARK OFFICE  
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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	AS	6	0	3	3	2	5	9	03/00	Daoud	439	573	
	AT	6	0	4	1	3	0	7	03/00	Ahuja et al.	705	8	
	AU	6	0	4	4	5	4	0	04/00	Fontana	29	505	
	AV	6	0	7	8	5	9	5	06/00	Jones et al.	370	503	
										RECEIVED			
										MAR 20 2001			
										Technology Center 2100			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS:	TRANSLATION	
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	BF	9	9	3	0	5	3	0	06/99	PCT				
	BG	9	9	3	5	5	7	7	07/99	PCT				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CN	"Real-time Embedded Database Fault Tolerance on Two Single-board Computers," Polyhedra, Inc. product literature;
	CO	"Start Here: Basics and Installation of Microsoft Windows NT Workstation," product literature (1998);
	CP	Syndesis Limited product literature, 1999;
	CQ	"Using Polyhedra for a Wireless Roaming Call Management System," Polyhedra, Inc., (prior to May 20, 2000);
	CR	Veritas Software Corporation webpage, 2000.
Examiner		Date Considered:
		*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.